

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10551147"	US-PGPUB; USPAT	OR	ON	2009/02/09 14:54
S2	10	(("0655546") or ("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5537446") or ("6073478")). PN.	USPAT; USOCR	OR	OFF	2009/02/09 15:19
S3	207	((ROBERT) near2 (GRANT)). INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:53
S4	52	((PATRICK) near2 (DAVIS)). INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:53
S5	2	((CAROLYN) near2 (HUGHES)). INV.	US-PGPUB; USPAT	OR	ON	2009/02/09 15:54
S6	20	("3071530" "3278408" "3410778" "3503861" "3509034").PN. OR ("3655546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 08:26
S7	10	(("0655546") or ("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5537446") or ("6073478")). PN.	USPAT; USOCR	OR	OFF	2009/02/10 09:03
S8	1	S7 and vacuum	US-PGPUB; USPAT	OR	ON	2009/02/10 09:03
S9	2402	electrochemical and "solid electrolyte" and vacuum and oxygen	US-PGPUB; USPAT	OR	ON	2009/02/10 09:04
S10	633	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor	US-PGPUB; USPAT	OR	ON	2009/02/10 09:05
S11	348	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor and (sensor or detector)	US-PGPUB; USPAT	OR	ON	2009/02/10 09:09
S12	116	electrochemical and "solid electrolyte" and vacuum and oxygen and semiconductor and (sensor or detector) same gas	US-PGPUB; USPAT	OR	ON	2009/02/10 09:14
S13	1061	("THE BOC GROUP").as.	US-PGPUB; USPAT	OR	ON	2009/02/10 09:55
S14	16	("THE BOC GROUP").as. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 09:55
S15	12	"4744954"	US-PGPUB; USPAT	OR	ON	2009/02/10 10:01
S16	2483	204/421-429.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/10 10:27

S17	1704	204/421-429.ccls. and "solid electrolyte"	US-PGPUB; USPAT	OR	ON	2009/02/10 10:27
S18	230	204/421-429.ccls. and "solid electrolyte" and (vacuum or "sub\$1atmospheric pressure")	US-PGPUB; USPAT	OR	ON	2009/02/10 10:29
S19	920910	ion gauges	US-PGPUB; USPAT	OR	ON	2009/02/10 11:10
S20	535	"ion gauge"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:10
S21	103679	"ion gauge" electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:11
S22	38	"ion gauge" and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:11
S23	165	"ion gauge" and sensor	US-PGPUB; USPAT	OR	ON	2009/02/10 11:12
S24	8106	sensor with sensitivity and (vacuum or (below with normal near pressure))	US-PGPUB; USPAT	OR	ON	2009/02/10 11:18
S25	4231	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o"))	US-PGPUB; USPAT	OR	ON	2009/02/10 11:19
S26	0	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and "semiconductor manufactur\$3"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S27	0	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and "semiconductor manufactur"	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S28	214	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and semiconductor adj manufactur \$3	US-PGPUB; USPAT	OR	ON	2009/02/10 11:20
S29	207	(Robert NEAR2 Grant).inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:31
S30	6	(Robert NEAR2 Grant).inv. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:31
S31	6961	(Robert Bruce Grant).inv. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32
S32	0	("Robert Bruce Grant").inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32
S33	0	(Robert adj Bruce adj Grant).inv.	US-PGPUB; USPAT	OR	ON	2009/02/10 11:32

S34	20	("3071530" "3278408" "3410778" "3503861" "3509034").PN. OR ("3655546").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 14:06
S35	937	("Beckman Instruments").as.	US-PGPUB; USPAT	OR	ON	2009/02/10 14:08
S36	57	("Beckman Instruments").as. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 14:08
S37	0	204/195.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/10 14:10
S38	2	("3071530").PN.	USPAT; USOCR	OR	OFF	2009/02/10 14:10
S39	4	((("3071530") or ("3509034")).PN.	USPAT; USOCR	OR	OFF	2009/02/10 14:11
S40	0	potentiometry and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/10 14:38
S41	20	"3576730"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 14:39
S42	31	Ag and electrolyte	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:14
S43	9	AgCl and electrolyte	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:18
S44	0	AgCl and solid adj electrolyte	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:18
S45	0	AgCl and "solid electrolyte"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:18
S46	287	AgCl and "solid electrolyte"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:19
S47	26	AgCl with "solid electrolyte"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:19
S48	17	AgCl with "solid electrolyte" and gas	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:24
S49	10	AgCl with "solid electrolyte" and gas and (sensor or detector)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 15:24
S50	394	204/421-429.ccls. and "solid electrolyte" and (Ag or silver)	US-PGPUB; USPAT	OR	ON	2009/02/10 16:27
S51	24	204/421-429.ccls. and "solid electrolyte" and ((Ag or silver) adj ion)	US-PGPUB; USPAT	OR	ON	2009/02/10 16:28
S52	571	205/775.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/11 13:38
S53	25	"5650054"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:14
S54	11	"5827415"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:22
S55	345	kennard.in.	US-PGPUB; USPAT	OR	ON	2009/02/11 15:28
S56	12	kennard.in. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 15:28

S57	27550	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum	US-PGPUB; USPAT	OR	ON	2009/02/11 15:31
S58	1785	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S59	1366	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S60	134729	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and solid electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:32
S61	108	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and "solid electrolyte"	US-PGPUB; USPAT	OR	ON	2009/02/11 15:33
S62	637	gas and (measur\$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:41
S63	256	gas with vacuum and (measur \$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:41
S64	256	(gas with vacuum) and (measur \$4 or sens\$3 or detect\$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:43
S65	0	(gas with "in a vacuum") and (measur\$4 or sens\$3 or detect \$3) with vacuum and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S66	0	(gas with "in a vacuum") and ((measur\$4 or sens\$3 or detect \$3) with vacuum) and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S67	637	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical and electrode and electrolyte	US-PGPUB; USPAT	OR	ON	2009/02/11 15:47
S68	1809	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/11 15:48
S69	24	gas and ((measur\$4 or sens\$3 or detect\$3) with vacuum) and electrochemical	EPO; JPO; DERWENT	OR	ON	2009/02/11 15:48
S70	3588	you.in.	US-PGPUB; USPAT	OR	ON	2009/02/11 16:24
S71	119	you.in. and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/11 16:24
S72	377	204/408.ccls.	US-PGPUB; USPAT	OR	ON	2009/02/12 07:58

S73	227	204/408.ccls. and gas SAME (sens\$3 or measur\$3 or detect \$3)	US-PGPUB; USPAT	OR	ON	2009/02/12 08:00
S74	227	204/408.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:00
S75	140	204/408.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:22
S76	62	204/409.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:29
S77	68	204/410.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:34
S78	133	204/421.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:41
S79	709	204/424.ccls. and (gas SAME (sens\$3 or measur\$3 or detect \$3)) and (reference with (gas or air))	US-PGPUB; USPAT	OR	ON	2009/02/12 08:48
S80	6	"4310402"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:42
S81	21	"5,071,526"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:49
S82	9	"4400260"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:55
S83	4	"6435005"	US-PGPUB; USPAT	OR	ON	2009/02/12 13:58
S84	17	"4897174"	US-PGPUB; USPAT	OR	ON	2009/02/12 14:13
S85	16	"3871981"	US-PGPUB; USPAT	OR	ON	2009/02/12 15:15
S86	3607	heater and nichrome and wire	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S87	2221	heater and nichrome and wire and gas	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S88	84	heater and nichrome and wire and gas and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/12 15:16
S89	8466	seal with vacuum and sensor	US-PGPUB; USPAT	OR	ON	2009/02/13 13:29
S90	596	seal with vacuum and sensor and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:29
S91	46	seal with vacuum and (sensor near gas) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:30
S92	819	seal and (sensor near gas) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 13:33

S93	294	seal and (sensor near gas) and electrochemical and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/02/13 13:34
S94	70	seal and (sensor near gas) and electrochemical and ("204".clas. or "205".clas.) and ((range near pressure) or vacuum)	US-PGPUB; USPAT	OR	ON	2009/02/13 13:36
S95	87	solid adj electrolyte and gas and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/13 14:06
S97	9	membrane and "gas sensor" and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/13 14:20
S98	2673	electrolyt\$ with (organic near3 acid)	US-PGPUB; USPAT	OR	ON	2009/02/13 14:21
S99	984	electrolyt\$ with (organic near3 acid) and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/13 14:21
S100	101	electrolyt\$ with (organic near3 acid) and electrochemical and (gas with (sens\$3 or detect\$3 or measur\$4))	US-PGPUB; USPAT	OR	ON	2009/02/13 14:22
S101	474943	(ELECTROCHEMICAL MEASURING CELL WITH ACID ELECTROLYTE).ti.	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:38
S102	0	("ELECTROCHEMICAL MEASURING CELL WITH ACID ELECTROLYTE").ti.	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S103	4977716	EP "0305961"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S104	0	"EP0305961"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S105	2344	"acid electrolyte"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S106	1652819	"acid electrolyte" and organic acid	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:39
S107	84	"acid electrolyte" and "organic acid"	EPO; JPO; DERWENT	OR	ON	2009/02/13 14:40
S108	1	"5650054".pn. and heat	US-PGPUB; USPAT	OR	ON	2009/02/16 09:32
S109	1	("5683570").PN.	USPAT; USOCR	OR	OFF	2009/02/16 12:19
S110	2	("3598711").PN.	USPAT; USOCR	OR	OFF	2009/02/16 13:19
S111	1	("6073478").PN.	USPAT; USOCR	OR	OFF	2009/02/16 13:52
S112	560	membrane and gas and electrochemical and H+	US-PGPUB; USPAT	OR	ON	2009/02/16 13:56
S113	177447	(hydrogen or "hydrogen gas") and (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:14

S114	31383	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:14
S115	31383	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:15
S116	6559	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas	US-PGPUB; USPAT	OR	ON	2009/02/16 14:15
S117	309	(hydrogen or "hydrogen gas") SAME (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:16
S118	58	("3793158" "3864628" "3880722" "4025412" "4171253" "4227984" "4240799" "4369647" "4443793" "4580439" "4584867" "4587104" "4644333" "4718991" "4776203" "4792433" "4836907" "4876115" "4887455" "4893108" "4911892" "4916935" "5019263" "5055266" "5069794" "5104425" "5133857" "5173166" "5186810" "5238729" "5302274" "5331310" "5332424" "5650054").PN. OR ("5841021").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 14:30
S119	197	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal or metal \$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:35
S120	0	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal\$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:38
S121	0	(hydrogen or "hydrogen gas") with (generation or evolve or create) and (metal\$1hydride or (solid near1 hydrated near1 species) or (organic near1 species)) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:42

S122	1	"7,396,443"	US-PGPUB; USPAT	OR	ON	2009/02/16 14:50
S123	5	("3567383" "3864232" "4595485" "4882032").PN. OR ("7396443").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/16 14:51
S124	2	(metal\$1hydride) and (H+ or proton or "hydrogen ion") and gas near (sens\$3 or detect\$3)	US-PGPUB; USPAT	OR	ON	2009/02/16 14:53
S125	144	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) same catalyst same electrode	US-PGPUB; USPAT	OR	ON	2009/02/16 16:02
S126	110	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) same catalyst same electrode and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/16 16:03
S127	27	(silver\$1salt or silver\$1chloride or silver\$1halide or silver \$1iodide or silver\$1bromide or Ag\$1Cl or Ag\$1Br or Ag\$1I) with catalyst same electrode and electrochemical	US-PGPUB; USPAT	OR	ON	2009/02/16 16:05
S128	43	"ion gauge" and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/09/17 14:51
S129	43	("ion gauge" or "hot filament sensor") and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/09/17 14:54
S130	1	hot near1 filament near1 sensor and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/09/17 14:54
S131	72	"Residual Gas Analyser" and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/09/17 14:55
S132	5	((ROBERT) near2 (GRANT)). INV. and electrolyte	US-PGPUB; USPAT	OR	ON	2009/09/17 14:58
S133	15	((ROBERT) near2 (GRANT)). INV. and electrode	US-PGPUB; USPAT	OR	ON	2009/09/17 15:01
S134	10	(("0655546") or ("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5537446") or ("6073478")). PN.	USPAT; USOCR	OR	OFF	2009/09/17 15:03
S135	117	Haefele.in.	US-PGPUB; USPAT	OR	ON	2009/09/22 08:48
S136	15	Haefele.in. and sensor	US-PGPUB; USPAT	OR	ON	2009/09/22 08:48
S137	4	Haefele.in. and electrode	US-PGPUB; USPAT	OR	ON	2009/09/22 08:53
S138	13	("3620931" "4391690" "4543176" "Re28792").PN. OR ("4985126").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/22 08:54

S139	1	Haefele.in. and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2009/09/22 08:57
S141	1	"10/757954"	US-PGPUB; USPAT	OR	ON	2009/11/19 11:11
S142	37	nernstian same hydrogen and @py<"2004"	US-PGPUB; USPAT	OR	ON	2009/11/19 12:43
S143	12	nernstian and @py<"2004" and "gas sensor" and (liquid with reference)	US-PGPUB; USPAT	OR	ON	2009/11/19 13:16
S144	81	((ROBERT) near2 (GRANT)). INV.	EPO; JPO; DERWENT	OR	ON	2009/11/19 13:54
S145	3	"6355151"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:17
S146	0	2003/0121801	US-PGPUB; USPAT	OR	ON	2010/04/21 14:33
S147	0	"200300121801"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:33
S148	2	"20030121801"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:33
S149	13	"6136170"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:33
S150	1	"20030062264"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:45
S151	5	"6153072"	US-PGPUB; USPAT	OR	ON	2010/04/21 14:47
S152	81	((ROBERT) near2 (GRANT)). INV.	EPO; JPO; DERWENT	OR	ON	2010/04/21 14:53
S153	8	("3655546") or ("3576730") or ("4370206") or ("5331310") or ("5522979") or ("5527446") or ("6073478")).PN.	USPAT; USOCR	OR	OFF	2010/04/21 15:05
S154	11529	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode	US-PGPUB; USPAT	OR	ON	2010/04/21 15:12
S155	2729	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/04/21 15:13
S156	2363	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and gas and reference	US-PGPUB; USPAT	OR	ON	2010/04/21 15:13
S157	841	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and ((gas or environment or space) with reference) and (electrochemical or electro\$1chemical or electro-chemical)	US-PGPUB; USPAT	OR	ON	2010/04/21 15:14

S158	625	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and ((gas or environment or space) with reference) and (electrochemical or electro \$1chemical or electro- chemical) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/21 15:15
S159	351	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and ((gas or environment or space) with reference) and (electrochemical or electro \$1chemical or electro- chemical) and @py<"2005" and heater	US-PGPUB; USPAT	OR	ON	2010/04/21 15:15
S160	96	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and ((gas or environment or space) with reference) and (electrochemical or electro \$1chemical or electro- chemical) and @py<"2005" and heater and (thermocouple or "temperature sensor" or "temperature detector" or "temperature monitor")	US-PGPUB; USPAT	OR	ON	2010/04/21 15:28
S161	34	"solid electrolyte" and (sens\$3 or detect\$3 or monitor\$3 or measur\$4) and electrode and ("204".clas. or "205".clas.) and ((gas or environment or space) with reference) and (electrochemical or electro \$1chemical or electro- chemical) and @py<"2005" and heater and (thermocouple)	US-PGPUB; USPAT	OR	ON	2010/04/21 15:39
S162	9	"vacuum feed-through connector"	US-PGPUB; USPAT	OR	ON	2010/04/21 16:15
S163	60981	"204".clas. or "205".clas. and "solid electrolyte" and electrode	US-PGPUB; USPAT	OR	ON	2010/04/21 16:47
S164	60867	"204".clas. or "205".clas. and "solid electrolyte" and electrode and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/21 16:47
S165	2227	("204".clas. or "205".clas.) and "solid electrolyte" and electrode and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/21 16:47
S166	1879	("204".clas. or "205".clas.) and "solid electrolyte" and electrode and @py<"2005" and (connection or contact)	US-PGPUB; USPAT	OR	ON	2010/04/21 16:48

S167	1925	("204".clas. or "205".clas.) and "solid electrolyte" and electrode and @py< "2005" and (connection or contact or path)	US-PGPUB; USPAT	OR	ON	2010/04/21 16:48
S168	2056	("204".clas. or "205".clas.) and "solid electrolyte" and electrode and @py< "2004"	US-PGPUB; USPAT	OR	ON	2010/04/21 16:48
S169	1864	("204".clas. or "205".clas.) and "solid electrolyte" and electrode and @py< "2004" and gas	US-PGPUB; USPAT	OR	ON	2010/04/21 16:50
S170	1	"20030092191"	US-PGPUB; USPAT	OR	ON	2010/04/22 09:42
S171	23	sensor with sensitivity and (vacuum or (below with normal near pressure)) and detect\$3 and (oxygen or hydrocarbon or (water or "h.2.o")) and "semiconductor manufacture"	US-PGPUB; USPAT	OR	ON	2010/04/22 11:46
S172	13641	electrode and electrolyte and (gas with (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe))	US-PGPUB; USPAT	OR	ON	2010/04/22 11:51
S173	4620	electrode and electrolyte and (gas with (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe)) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:51
S174	3360	electrode and electrolyte and (gas with (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe)) and ("204".clas. or "205".clas.) and @py< "2005"	US-PGPUB; USPAT	OR	ON	2010/04/22 11:51
S175	1744	electrode and electrolyte and (gas with (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe)) and ("204".clas. or "205".clas.) and @py< "2005" and liquid	US-PGPUB; USPAT	OR	ON	2010/04/22 11:52
S176	265	electrode and electrolyte and (gas with (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe)) and ("204".clas. or "205".clas.) and @py< "2005" and (liquid with reference)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:52
S177	137	electrode and electrolyte and (gas near2 (sens\$3 or detect\$3 or monitor\$3 or measur\$4 or probe)) and ("204".clas. or "205".clas.) and @py< "2005" and (liquid with reference)	US-PGPUB; USPAT	OR	ON	2010/04/22 11:52
S178	46	("3859191" "4013522" "4595486" "4666565" "4820386" "4839020" "5344546" "Re31915").PN. OR ("5527446").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/22 12:11

S179	1805	("204".clas. or "205".clas.) and nafion and gas	US-PGPUB; USPAT	OR	ON	2010/04/29 10:57
S180	265	("204".clas. or "205".clas.) and nafion and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor))	US-PGPUB; USPAT	OR	ON	2010/04/29 10:58
S181	151	("204".clas. or "205".clas.) and nafion and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/29 10:59
S182	25	("204".clas. or "205".clas.) and nafion and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2005" and heater	US-PGPUB; USPAT	OR	ON	2010/04/29 10:59
S183	1	nafion and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2005" and heater	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:10
S184	1	nafion and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:11
S185	0	"liquid electrolyte" and ((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:11
S186	3635	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:11
S187	232	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater and liquid	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:12
S188	261	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater and (liquid or aqueous)	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:33

S189	345	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater and (liquid or aqueous or fluid)	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:33
S190	12	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater and (liquid or aqueous or fluid) and ("204".clas. or "205".clas.)	USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/29 11:34
S191	393	((gas or "carbon monoxide" or "carbon dioxide" or hydrogen) near2 (sensor or detector or monitor)) and @py<"2006" and heater and (liquid or aqueous or fluid) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/04/29 11:36
S192	233	prohaska.in.	US-PGPUB; USPAT	OR	ON	2010/04/29 13:27
S193	78	prohaska.in. and sensor	US-PGPUB; USPAT	OR	ON	2010/04/29 13:27
S194	38	prohaska.in. and sensor and "204".clas.	US-PGPUB; USPAT	OR	ON	2010/04/29 13:27
S195	4	prohaska.in. and sensor and "204".clas. and heater	US-PGPUB; USPAT	OR	ON	2010/04/29 13:34
S196	0	2006/0180466	US-PGPUB; USPAT	OR	ON	2010/04/29 14:03
S197	1	"20060180466"	US-PGPUB; USPAT	OR	ON	2010/04/29 14:03
S198	2	"6592732"	US-PGPUB; USPAT	OR	ON	2010/04/29 14:08
S199	96	("204".clas. or "205".clas.) and "solid electrolyte" same ("hydrogen ion" or "H.sup.+")	US-PGPUB; USPAT	OR	ON	2010/04/29 14:55
S200	66	("204".clas. or "205".clas.) and "solid electrolyte" same ("hydrogen ion" or "H.sup.+") and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/29 14:55
S201	93	("204".clas. or "205".clas.) and "solid electrolyte" and ((Sr or strontium) with (Ce or cerium)) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/04/29 15:03
S202	58	("204".clas. or "205".clas.) and "solid electrolyte" and ((Sr or strontium) with (Ce or cerium)) and @py<"2005" and ("yb" or ytterbium)	US-PGPUB; USPAT	OR	ON	2010/04/29 15:04
S203	9	("5387330" "6235417" "6332964").PN. OR ("6517693").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/29 15:25

S204	20	("204".clas. or "205".clas.) and "solid electrolyte" and (("Sr" or strontium) with ("Ce" or cerium)) and @py<"2005" and ("yb" or ytterbium) and sensor	US-PGPUB; USPAT	OR	ON	2010/04/29 15:30
S205	12	"4718992"	US-PGPUB; USPAT	OR	ON	2010/04/29 16:17
S206	287	yamazoe.in.	US-PGPUB; USPAT	OR	ON	2010/04/29 16:19
S207	73	yamazoe.in. and sensor	US-PGPUB; USPAT	OR	ON	2010/04/29 16:19
S208	1803	electrochemical with sensor and heater	US-PGPUB; USPAT	OR	ON	2010/05/04 10:44
S209	773	electrochemical with sensor and heater and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/05/04 10:44
S210	663	electrochemical with sensor and heater and ("204".clas. or "205".clas.) and electrolyte	US-PGPUB; USPAT	OR	ON	2010/05/04 10:45
S211	484	electrochemical with sensor and heater and ("204".clas. or "205".clas.) and electrolyte and @py<"2006"	US-PGPUB; USPAT	OR	ON	2010/05/04 10:45
S212	53	electrochemical with sensor and heater and ("204".clas. or "205".clas.) and (electrolyte with liquid) and @py<"2006"	US-PGPUB; USPAT	OR	ON	2010/05/04 10:45
S213	264	electrochemical with sensor and heat\$3 and ("204".clas. or "205".clas.) and (electrolyte with liquid) and @py<"2006"	US-PGPUB; USPAT	OR	ON	2010/05/04 10:55
S214	211	S213 not S212	US-PGPUB; USPAT	OR	ON	2010/05/04 10:55
S215	3	(("3871981") or ("4182666") or ("5897766")).PN.	US-PGPUB; USPAT	OR	OFF	2010/05/04 11:11
S216	581	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical	US-PGPUB; USPAT	OR	ON	2010/05/04 13:44
S217	557	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode	US-PGPUB; USPAT	OR	ON	2010/05/04 13:44
S218	397	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/05/04 13:44
S219	2	("204".clas. or "205".clas.) and (heat\$3 with reference with reason) and electrochemical and electrode and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/05/04 13:44
S220	397	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/05/04 13:46

S221	59	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode and @py<"2005" and (thimble or lambda)	US-PGPUB; USPAT	OR	ON	2010/05/04 13:47
S222	22	("3686609" "3844920" "4175019" "4540479" "4578174").PN. OR ("4824550").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/04 13:55
S223	0	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode and @py<"2005" and (thimble or lambda)	USOCR	OR	ON	2010/05/04 14:00
S224	57	("204".clas. or "205".clas.) and (heat\$3 with reference) and electrochemical and electrode and @py<"2005"	USOCR	OR	ON	2010/05/04 14:00
S225	45	("204".clas. or "205".clas.) and "nernst equation" and electrochemical and electrode and @py<"2005" and (thimble or lambda)	US-PGPUB; USPAT	OR	ON	2010/05/04 15:23
S226	5	"6153072"	US-PGPUB; USPAT	OR	ON	2010/05/04 16:23
S227	30	"4510036"	US-PGPUB; USPAT	OR	ON	2010/05/05 10:09

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